APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
09/964,293	09/25/2001		Marilyn E. Shade	07844-469001	1631

21876 7590 09/22/2005	EXAMINER	
FISH & RICHARDSON P.C.	PATEL, MANGLESH M	
P.O. Box 1022		
MINNEAPOLIS, MN 55440-1022	ART UNIT	PAPER NUMBER
	2178	

DATE MAILED: 09/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	09/964,293	SHADE ET AL.
	Examiner	Art Unit
	Manglesh M. Patel	2178

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS,
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>25 September 2001</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-10</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) <u>1-10</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on <u>08 March 2004</u> is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date <u>6 pg/April 22,2005</u>.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

1.   This action is responsive to communications: IDS filed on April 22, 2005 to the

application filed on September 25, 2001.

2.   Claims 1-10 are pending. Claims 1, 5, 9 and 10 are independent claims.

3.   The claim for priority to U.S. Provisional Application Serial No. 60/235,260, filed

on September 25, 2000 has been denied. The U.S. Provisional application is in another

language.

Drawings

4.   The examiner has accepted the Drawings filed on March 8, 2004.

Specification

5.   The specification is objected to because it fails to describe figures 8A, 8B, 10A

and 10B in the brief description of drawings

Double Patenting

6.   A rejection based on double patenting of the "same invention" type finds its
support in the language of 35 U.S.C. 101 which states that "whoever invents or
discovers any new and useful process ... may obtain a patent therefor ..." (Emphasis
added). Thus, the term "same invention," in this context, means an invention drawn to
identical subject matter. See *Miller v. Eagle Mfg. Co.*, 151 U.S. 186 (1894); *In re
Ockert*, 245 F.2d 467, 114 USPQ 330 (CCPA 1957); and *In re Vogel*, 422 F.2d 438, 164
USPQ 619 (CCPA 1970).

A statutory type (35 U.S.C. 101) double patenting rejection can be overcome by canceling or amending the conflicting claims so they are no longer coextensive in scope. The filing of a terminal disclaimer <u>cannot</u> overcome a double patenting rejection based upon 35 U.S.C. 101.

7.   Claims 1-3 and 6 are rejected under 35 U.S.C. 101 as claiming the same

invention as that of claims 1-3 of prior U.S. Patent No. 6, 928, 611. This is a double

patenting rejection.

Claim Rejections - 35 USC § 102

8.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1). (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

9.   Claims 1-10 are rejected under 35 U.S.C. 102(e) as being anticipated by Bailey

(U.S. 6,886,133, filed Jun 7, 2001).

        Regarding Independent claim 1, Bailey discloses *a text composition spacing*

amount setting device for a desktop publishing (DTP) system, comprising:

- *At least one inter-character-class spacing amount setting table, for use in line*

    composition, for grouping similar characters, forming a plurality of character

    classes and setting inter-character spacing amounts between a character class

    of a previous character and a character class of a next character within a pair of

    continuous characters (column 2, lines 4-15 & column 8, lines 36-43, wherein a

formatting pane displays various formatting properties. The formatting properties

include character spacing properties. In addition the interactive formatting pane

also include table format properties. Therefore a table is used to represent the

character spacing properties);

- *A display device for displaying electronic text that has been line composed*

(column 2, lines 23-36, wherein a display device is used for formatting stings of

text. Therefore since each string is subject to formatting properties it includes line

composition);

- *And an input device for providing user input* (column 4, lines 39-52, wherein a

user can enter commands through input devices);

- *A spacing amount setter that is operable to display on the display device a dialog*

box for user input of a spacing amount between the character class for the

previous character and the character class for the next character, and to display

in the dialog box an icon representing the character class for the previous

character and an icon representing the character class for the next character

(column 8, lines 35-50 & column 6, lines 42-50, wherein a dialog box allows a

user to control the character spacing properties. In addition Bailey shows the use

of a icon for adjusting the formatting properties (see figure 3, numeral 320),

thereby visually distinguishing the various formatting properties for adjusting

character classes).

Regarding Dependent claim 3, Bailey discloses *a text composition spacing amount setting device, further operable to receive a user selection of either the character class of the previous character or the character class of the next character in the dialog box* (column 8, lines 35-50 wherein a dialog box allows a user to control the character spacing properties, therefore a user can select the various character classes within a dialog box pertaining to character spacing).

Regarding Dependent claim 4, Bailey discloses *wherein a left side display column is provided for icons of the character class for the previous character and a right side display column is provided for icons for the character class of the next character in the dialog box, the device further being operable to display an icon representing a selected character class, among a plurality of classes, for the previous character in the left side display column, and to display an icon representing a selected character class, among a plurality of classes, for the next character in the right side display column* (column 2, lines 4-15 , column 8, lines 35-50 & column 6, lines 42-50, wherein a dialog box allows a user to control the character spacing properties. In addition Bailey shows the use of a icon for adjusting the formatting properties (see figure 3, numeral 320), thereby visually distinguishing the various formatting properties for adjusting character classes. Since table-formatting properties exist it is capable of representing character classes on a right or left side of a column).

Regarding Independent claim 5, Bailey discloses *a computer program product,*
tangibly stored on a computer-readable medium, for setting at text composition spacing
amount in a desktop publishing (DTP) system, comprising instructions operable to
cause a programmable processor to:

- *Display on a display device a spacing amount saved in an inter-class character*
  table in response to a user selection in the inter-character class spacing amount
  setting table, for use in line composition, the inter-character class spacing
  amount setting table grouping similar characters, forming a plurality of character
  classes and defining inter-character spacing amounts between a character class
  of a previous character and a character class of a next character within a pair of
  continuous characters (column 4, lines 39-52 & column 2, lines 4-15 & column 8,
  lines 36-43, wherein a display device is used for representing a table format
  within a dialog box for character spacing properties that are adjusted based on
  user selection, the characters are a continuous pair);

- *And display in the dialog box an icon representing the character class of the*
  previous character and an icon representing the character class of the next
  character (column 8, lines 35-50 & column 6, lines 42-50, wherein a dialog box
  allows a user to control the character spacing properties. In addition Bailey
  shows the use of a icon for adjusting the formatting properties (see figure 3,
  numeral 320), thereby visually distinguishing the various formatting properties for
  adjusting character classes).

Regarding Dependent claim 7, the claim is for a computer program product performing the steps of claim 3, and is similarly rejected under the same rationale.

Regarding Dependent claim 8, Bailey discloses *a computer program product, further operable to:*

- *Display a left side display column for icons of the character class of the previous character and a right side display column for icons of the character class of the next character in the dialog box* (column 2, lines 4-15 & column 8, lines 35-50 & column 6, lines 42-50, wherein a dialog box allows a user to control the character spacing properties. In addition Bailey shows the use of a icon for adjusting the formatting properties (see figure 3, numeral 320), thereby visually distinguishing the various formatting properties for adjusting character classes. A table is used for representing the formatting properties therefore columns exist for displaying the character spacing properties);

- *Display the icon of the selected character class in the left side display column when a character class among a plurality of character classes is selected for the previous character's character class (*column 2, lines 4-15, column 8, lines 35-50 & column 6, lines 42-50, wherein a dialog box allows a user to control the character spacing properties. In addition Bailey shows the use of a icon for adjusting the formatting properties (see figure 3, numeral 320), thereby visually distinguishing the various formatting properties for adjusting character classes. A table is used for representing the formatting properties therefore columns exist

for either left or right sides of the table for displaying the character spacing properties);

- *And display the icon of the selected character class in the right side display column when a character class among a plurality of character classes is selected for the next character's character class* (column 2, lines 4-15, & column 8, lines 35-50 & column 6, lines 42-50, wherein a dialog box allows a user to control the character spacing properties. In addition Bailey shows the use of a icon for adjusting the formatting properties (see figure 3, numeral 320), thereby visually distinguishing the various formatting properties for adjusting character classes. A table is used for representing the formatting properties therefore columns exist for displaying the character spacing properties).

Regarding Independent claim 9, Bailey discloses *a text composition spacing amount setting device for a DTP system, comprising:*

- *At least one inter-character-class spacing amount setting table, for use in line composition, the inter-character-class spacing amount setting table grouping similar characters, forming a plurality of character classes and setting inter-character spacing amounts between a character class of a previous character and a character class of a next character within a pair of continuous characters* (column 2, lines 4-15, wherein a formatting table is used for representing character spacing properties. The characters are grouped based on the formatting properties selected by a user);

- *A display means capable of displaying electronic text that has been line composed (column 2, lines 23-36, wherein a display device is used for formatting stings of text. Therefore since each string is subject to formatting properties it includes line composition);*

- *An input means with which a user can perform input (column 4, lines 39-52, wherein a user can enter commands through input devices);*

- *And a spacing amount setting means that is operable to start in response to user input, and to display on the display means a dialog box for user input of spacing amount between the character class of the previous character and the character class of the next character, and to display in the dialog box an icon representing the character class of the previous character and an icon representing the character class of the next character (column 8, lines 35-50 & column 6, lines 42-50, wherein a dialog box allows a user to control the character spacing properties. In addition Bailey shows the use of a icon for adjusting the formatting properties (see figure 3, numeral 320), thereby visually distinguishing the various formatting properties for adjusting character classes. A dialog box allows a user to control the character spacing properties. Based on the user formatting properties the character spacing would be adjusted for a character class).*

Regarding Independent claim 10, Bailey discloses *a computer readable recording medium recording a text composition spacing amount setting program for executing by computer in a desktop publishing system, comprising:*

- *A procedure for displaying on a display means in dialog box format a spacing amount saved in an inter-character-class spacing amount setting table when a user selects the inter-character-class spacing amount setting table, for use in line composition, wherein the inter-character-class spacing amount setting table groups similar characters, forms a plurality of character classes and sets inter-character spacing amounts between a character class of a previous character and a character class of a next character within a pair of continuous characters* (column 2, lines 4-15 & column 8, lines 36-43, wherein a formatting pane displays various formatting properties. The formatting properties include character spacing properties. In addition the interactive formatting pane also include table format properties. Therefore a table is used to represent the character spacing properties that have a relationship with the previous and next character);

- *And a procedure for displaying in the dialog box an icon representing the character class of the previous character and an icon representing the character class of the next character* (column 8, lines 35 & column 6, lines 42-50, wherein a dialog box allows a user to control the character spacing properties. In addition Bailey shows the use of a icon for adjusting the formatting properties (see figure 3, numeral 320), thereby visually distinguishing the various formatting properties for adjusting character classes. A dialog box allows a user to control the character spacing properties. Therefore the previous and the next character are displayed via dialog box for adjusting the spacing properties.).

Claim Rejections - 35 USC § 103

10.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

11.   Claims 2 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Bailey (U.S. 6,886,133, filed Jun 7, 2001) in view of Sawada (U.S. 5,501,538, filed Jun

21, 1994).

Regarding Dependent claim 2, Bailey teaches the use of a dialog box for accessing a

formatting tool for applying formatting properties. The formatting properties include the

use of character spacing (column 8, lines 35-45). In addition the interactive formatting

pane also include the use of table formatting properties, therefore setting tables for

adjusting character spacing (column 2, lines 4-15). Bailey fails to teach the support for

various character classes for spacing. Sawada teaches *wherein the plurality of*

character classes includes one or more of (1) starting parenthesis, (2) ending

parenthesis, (3) characters that cannot appear at the start of a line, (4) non-centered

punctuation, (5) centered punctuation, (6) period, (7) comma, (8) repeating characters

that cannot be broken across lines, (9) preceding abbreviation code, (10) following

abbreviation code, (11) full-width ideographic spaces, (12) **hiragana***, (13) Japanese*

characters other than character classes (1) through (12), (14) full-width numeral, (15)

half-width numeral, (16) half-width Roman text, (17) start of line, (18) start of paragraph,

and (19) end of line (column 5, lines 50-56, wherein the character spacing apparatus

supports characters from Japanese language including **hiragana** and katakana). At the

time of the invention it would have been obvious to a person of ordinary skill in the art to

include the support for Japanese language characters in a character spacing system.

The motivation for doing so would have been to provide a more efficient method of

character adjustment for printing purposes by taking the character relationships into

account thereby eliminating the use of a skilled operator using kerning techniques.

Therefore it would have been obvious to combine the teachings of Sawada with Bailey

for the benefits of allowing greater character impression by taking into account the

character relationships thereby supporting character spacing for Japanese languages.

Regarding Dependent claim 6, the claim is for a computer program product

performing the steps of claim 2, and is similarly rejected under the same rationale.

Other Prior Art Cited

12.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

- Gillam (U.S. 6,626,960) discloses "Method, System, And Program For Generating A Table To Determine Boundaries Between Characters"
- Babcock et al (U.S. 6,252,607) discloses "Method And System For Character Spacing In Graphics Terminal Emulation"

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Manglesh M. Patel whose telephone number is (571) 272-5937. The examiner can normally be reached on M,F 8:30-6:00 T,TH 8:30-3:00 Wed 8:30-7:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen S. Hong can be reached on (571)272-4124. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Manglesh M. Patel

Patent Examiner

September 16, 2005

CESAR PAULA
PRIMARY EXAMINER

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce
Patent and Trademark Office

Information Disclosure Statement by Applicant
(Use several sheets if necessary)

Attorney's Docket No. 07844-469001	Application No. 09/964,293
Applicant Marilyn E. Shade, et al.	
Filing Date September 25, 2001	Group Art Unit 2176 2178

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
MMP	AA	4,284,975	08/1981	Odaka, Kazumi	345	648	
	AB	4,291,381	09/1981	Siebeck, Helmut	382	185	
	AC	4,608,664	08/1986	Bartlett, et al.	715	519	RECEIVED
	AD	5,416,898	05/1995	Opstad, et al.	358	1.2	
	AE	5,724,072	03/1998	Freeman, et al.	345	468	FEB 0 9 2005
	AF	5,809,166	09/1998	Huang, et al.	382	178	Technology Center 2100
	AG	5,937,420	08/1999	Karow, et al.	715	518	
	AH	6,510,441	01/21/03	Kenninga	715	521	
	AI	6,624,814	09/2003	Karow, et al.	345	467	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation YES / NO
MMP	AJ	05-224651	09/1993	JP			X
MMP	AK	07-096594	04/1995	JP			X

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
MMP	AL	Hirshberg, D.S. et al., "New Applications of Failure Functions", *Journal of the Association for Computing Machinery*, Vol. 34, No. 3, July 1987, pp. 616-625

Examiner Signature	Date Considered 09/15/05

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07844-469001		Application No. 09/964,293		
Information Disclosure Statement by Applicant (Use several sheets if necessary)			Applicant Marilyn E. Shade, et al.				
(37 CFR §1.98(b))			Filing Date September 25, 2001		Group Art Unit 2176 2178		

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
MMC	AA	5,740,456	04/1998	Harcl, et al.	715	518	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (Include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature	Date Considered 0 9 / 15) 05
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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
MMT	AA	4,591,999	05/1986	Logan, David J.	715	517	
	AB	4,833,627	05/1989	Leszczynski, Thomasz	715	519	
	AC	5,018,083	05/21/91	Wantanabe et al.	715	519	
	AD	5,175,806	12/29/92	Muskovitz et al.	715	517	
	AE	5,287,443	02/15/94	Mameda et al.	345	582	
	AF	5,399,029	03/1995	Muraoka, et al.	715	522	
	AG	5,432,890	07/1995	Watanabe, Kiyoshi	400	9	
	AH	5,500,931	03/1996	Sonnenschein	715	519	
	AI	5,501,538	03/26/96	Sawada et al.	715	529	
	AJ	5,548,700	08/20/96	Bagley et al.	400	304	
	AK	5,579,471	11/26/96	Barber et al.	715	540	
	AL	5,581,670	12/03/96	Bier et al.	715	700	
	AM	5,617,115	04/1997	Itoh et al	715	856	
	AN	5,724,596	03/1998	Lathrop, Stephen P.	715	519	
	AO	5,778,403	07/1998	Bangs, David L.	715	527	
	AP	5,802,532	09/1998	Nakayama, et al.	715	519	
	AQ	5,803,629	09/08/98	Neville et al.	400	304	
	AR	5,805,167	09/08/98	Van Cruyningen	715	808	
	AS	6,088,520	07/11/00	Taoka et al.	716	21	
	AT	6,321,243	11/2001	Ballard, Dean D.	715	517	
	AU	6,330,577	12/2001	Kim, Hyun-Don	715	542	
	AV	6,359,630	03/19/02	Morse et al.	345	620	
	AW	US 2002-0062324	05/23/02	McCully, et al.	715	517	
	AX	6,426,751	07/30/02	Patel et al	345	468	
	AY	6,504,544	01/07/03	Hollingsworth et al.	345	467	
	AZ	US 2001/0048764	12/06/01	Betrisey et al.	382	162	

Examiner Signature	Date Considered 09/15/05

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

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		Applicant Marilyn E. Shade, et al.	
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Stamp: OIPE OCT 0 8 2004

Foreign Patent Documents or Published Foreign Patent Applications

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MMP	AAA	61-282974	12/13/86	JP				
	ABB	01-125656	05/18/89	JP				
	ACC	02-213983	08/27/90	JP				
	ADD	04-052871	2/20/92	JP				
	AEE	06-96174	04/08/94	JP				
	AFF	06-20026	01/28/94	JP				
	AGG	07-182303	07/21/95	JP				
	AHH	08-194832	07/30/96	JP				
	AII	08-314655	11/29/96	JP				
	AJJ	10-222499	8/21/98	JP				
	AKK	11-102446	04/13/99	JP				
	ALL	11-353491	12/24/99	JP				
	AMM	2000-267645	09/29/00	JP				
	ANN	2001-281835	10/10/01	JP				
	AOO	2001-297077	10/26/01	JP				
	APP	2003-523015	07/29/03	JP				
	AQQ	1-271275	10/30/89	JP				
	ARR	6-149806	05/31/94	JP				
	ASS	8-137871	05/31/96	JP				
	ATT	10-069477	03/10/98	JP				
ψ	AUU	07-149005	06/13/95	JP				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
MMP	AVV	Peter Karow, "Extending Control of Digital Typography", Visible Language, 32.2, Visible Language 1998, pp. 100-127 (671001 IDS 9/30/04)

Examiner Signature	Date Considered 09/15/05

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

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SEP 2 2 2004
TRADEMARK

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07844-469001		Application No. 09/964,293		
Information Disclosure Statement by Applicant (Use several sheets if necessary)			Applicant Marilyn E. Shade, et al.				
(37 CFR §1.98(b))			Filing Date September 25, 2001		Group Art Unit 2476 2176		

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation YES	NO
MMP	AL	08-161309	06/21/96	Japan			X	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07844-469001		Application No. 09/964,293
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Marilyn E. Shade, et al.		
		Filing Date September 25, 2001	Group Art Unit 2176	2176
(37 CFR §1.98(b))				

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	Application/Control No.	Applicant(s)/Patent Under Reexamination	
Notice of References Cited	09/964,293	SHADE ET AL.	
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	Manglesh M. Patel	2178	Page 1 of 1

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	I	US-			
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NON-PATENT DOCUMENTS

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